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AU4687701A ☐ **20011023****Title:** (ENG) Remedies**Application Number:** AU 4687701 D**Application (Filing) Date:** 20010410**Priority Data:** JP 2000109983 20000411 A X; JP 2000308524 20001006 A X; JP 2000308525 20001006 A X; JP 0103075 20010410 W V;**Inventor(s):** OHNOGI HIROMU ; KOBAYASHI EIJI ; NISHIMURA KAORI ; SHIRAGA MASAHIRO ; LI TUO-PING ; SAGAWA HIROAKI ; KATO IKUNOSHIN**Assignee/Applicant/Grantee:** TAKARA SHUZO CO**IPC (International Class):** A61K03112; A61K031216; A61K031352; A61K0317024; A61P02500; A61P00116; A61P04300; A23L00130**Other Abstracts for Family Members:** DERABS C2002-010841

[no drawing available]

CN1436074A ☐ **20030813****Title:** (ENG) Remedies**Application Number:** CN 01810992 A**Application (Filing) Date:** 20010410**Priority Data:** JP 2000109983 20000411 A ; JP 2000308524 20001006 A ; JP 2000308525 20001006 A ;**Inventor(s):** HIROMU OHNOGI JP ; EIJI KOBAYASHI JP ; KAORI NISHIMURA JP**Assignee/Applicant/Grantee:** TAKARA BIO INC JP**Last Modification Date:** 20050315**IPC (International Class):** A61K03112; A61K031216; A61K031352; A61K0317024; A61P02500; A61P00116; A61P04300; A23L00130[EPO Register](#)**EP1283037A1** ☐ **20030212** FullText**Title:** (ENG) REMEDIES**Abstract:** (ENG)

The present invention provides a therapeutic agent or prophylactic agent for a disease requiring enhancement for growth factor production and a food, beverage or feed for enhancing growth factor production, each comprising as an effective ingredient: polyphenols, derivatives thereof, and/or salts thereof; or a composition obtained by subjecting polyphenols, derivatives thereof, and/or salts thereof to: (i) a mixing treatment with a metal, a metal salt and a metal ion, or (ii) an oxidation treatment.

Application Number: EP 01919859 A.**Application (Filing) Date:** 20010410**Priority Data:** JP 0103075 20010410 W W; JP 2000109983 20000411 A ; JP 2000308524 20001006 A ; JP 2000308525 20001006 A ;**Inventor(s):** OHNOGI HIROMU JP ; KOBAYASHI EIJI JP ; NISHIMURA KAORI JP ; SHIRAGA MASAHIRO JP ; LI TUO-PING JP ; SAGAWA HIROAKI JP ; KATO IKUNOSHIN JP

Assignee/Applicant/Grantee: TAKARA BIO INC JP**Last Modification Date:** 20050308**IPC (International Class):** A61K03112; A61K031216; A61K031352; A61K0317024; A61P02500; A61P00116; A61P04300; A23L00130**ECLA (European Class):** A23L00130; A23L001304**Designated Countries:**

- Designated States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Publication Language: ENG**Agent(s):** VOSSIUS & PARTNER 00100314 Siebertstrasse 4 81675Muenchen DE**Additional Information:**

- Date of request for examination 20021111
- Patent bulletin/ gazette information 20030326 200313
- Figure number on first (title) page, abstract drawing NONE
- PCT application data JP0103075 20010410 JPN
- PCT publication data WO01076580 20011018 200142

US2003203857A1 ☐ **20031030** FullText**Title:** (ENG) Remedies**Abstract:** (ENG)

The present invention provides a therapeutic agent or prophylactic agent for a disease requiring enhancement for growth factor production and a food, beverage or feed for enhancing growth factor production, each comprising as an effective ingredient: polyphenols, derivatives thereof, and/or salts thereof; or a composition obtained by subjecting polyphenols, derivatives thereof, and/or salts thereof to: (i) a mixing treatment with a metal, a metal salt and a metal ion, or (ii) an oxidation treatment.

Application Number: US 25727702 A**Application (Filing) Date:** 20021011**Priority Data:** JP 2000109983 20000411 A A; JP 2000308524 20001006 A A; JP 2000308525 20001006 A A; JP 0103075 20010410 W V;**Inventor(s):** LI TUO-PING JP ; OHNOGI HIROMU JP ; KATO IKUNOSHIN JP ; KOBAYASHI EIJI JP ; NISHIMURA KAORI JP ; SAGAWA HIROAKI JP ; SHIRAGA MASAHIRO JP**Assignee/Applicant/Grantee:** OHNOGI HIROMU JP; KOBAYASHI EIJI JP; LI TUO-PING JP; NISHIMURA KAORI JP; SHIRAGA MASAHIRO JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP**Last Modification Date:** 20031118**IPC (International Class):** A61K0317048; A61K031343; A61K031192; A61K031235; A61K03112**ECLA (European Class):** A23L00130; A23L001304**US Class:** 514027; 514456; 514570; 514533; 514679**Assignments Reported to USPTO:****Reel/Frame:** 13834/0322 **Date Signed:** 20020918**Date Recorded:** 20021011**Assignee:** TAKARA BIO INC. 4-1, SETA 3-CHOME OTSU-SHI, SHIGA 520-2193 JAPAN**Assignor:** KATO, IKUNOSHIN; KOBAYASHI, EIJI; LI, TAO-PING; NISHIMURA, KAORI; OHNOGI, HIROMU; SAGAWA, HIROAKI; SHIRAGA, MASAHIRO**Corres. Addr.:** BIRCH, STEWART, KOLASCH ET AL. MARC S. WEINER P. O. BOX 747 FALLS CHURCH, VA 22040-0747**Brief:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Additional Information:**

- Figure number on first (title) page, abstract drawing NONE
- Correspondent Address BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH VA 22040-0747 US
- PCT application data PCT/JP01/03075 20010410 WO

EPO Register**WO2001076580A1** ☒ **20011018** FullText**Title:** (ENG) REMEDIES**Abstract:** (ENG)

Remedies or preventives for disease wherein the production of growth factor should be potentiated, and foods, drinks or feeds for potentiating the production of growth factor each containing, as the active ingredient, polyphenols, derivatives thereof and/or salts thereof or compositions obtained by subjecting polyphenols, derivatives thereof and/or salts thereof to (i) mixing with metals, metal salts and/or metal ions, or (ii) oxidization.

Application Number: JP 0103075 W

Application (Filing) Date: 20010410

Priority Data: JP 2000109983 20000411 A ; JP 2000308524 20001006 A ; JP 2000308525 20001006 A ;

Inventor(s): OHNOGI HIROMU JP ; KOBAYASHI EIJI JP ; NISHIMURA KAORI JP ; SHIRAGA MASAHIRO JP ; LI TUO-PING JP ; SAGAWA HIROAKI JP ; KATO IKUNOSHIN JP

Assignee/Applicant/Grantee: TAKARA SHUZO CO JP; OHNOGI HIROMU JP; KOBAYASHI EIJI JP; NISHIMURA KAORI JP; SHIRAGA MASAHIRO JP; LI TUO PING JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP

Last Modification Date: 20050526

IPC (International Class): A61K03112; A61K031216; A61K031352; A61K0317024; A61P02500; A61P00116; A61P04300; A23L00130

ECLA (European Class): A23L00130; A23L001304

Designated Countries:

- Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
- Regional Treaties: GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Agent(s): 弁理士 細田芳徳 (HOSODA, Yoshinori) 〒540-0012 大阪府大阪市中央区谷町二丁目8番1号大手前M2ビル 細田国際特許事務所内 Osaka JP

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- JP4300836 A Y 0
- JP1068318 A X 0
- WO9811789 A X 0
- EP0481263 A Y 0
- JP63132662 A X 0



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